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RAW SEQUENCE LISTING DATE: 01/16/2002
PATENT APPLICATION: **US/09/987,655** TIME: 11:10:14

Input Set : **N:\Crf3\RULE60\09987655.raw**
Output Set: **N:\CRF3\01162002\I987655.raw**

<110> APPLICANT: Canne, Lynne
Kent, Stephen B.H.
Simon, Reyna
<120> TITLE OF INVENTION: Solid Phase Native Chemical Ligation of Unprotected or N-Terminal Cysteine Protected Peptides in Aqueous Solution
<130> FILE REFERENCE: GRFN-023/01US
<140> CURRENT APPLICATION NUMBER: 09/987,655
<141> CURRENT FILING DATE: 2001-11-15
<150> PRIOR APPLICATION NUMBER: 09/097,094
<151> PRIOR FILING DATE: 1998-06-12
<160> NUMBER OF SEQ ID NOS: 6
<170> SOFTWARE: PatentIn Ver. 2.0

<210> SEQ ID NO: 1
<211> LENGTH: 27
<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
<400> SEQUENCE: 1

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Lys Gly Cys Ala Asp Arg Lys Asn Ile Leu Ala
            20                  25
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<210> SEQ ID NO: 2
<211> LENGTH: 68
<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
<400> SEQUENCE: 2

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 1               5                  10                  15
Thr Ala Gly Cys Thr Ser Ala Gly Pro His Phe Asn Pro Leu Ser Arg
            20                  25                  30
Lys His Gly Cys Gly Phe Arg Val Arg Glu Phe Gly Asp Asn Thr Ala
        35                  40                  45
Cys Ala Asp Pro Ser Glu Glu Trp Val Gln Lys Tyr Val Ser Asp Leu
    50                  55                  60
Glu Leu Ser Ala
65
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<210> SEQ ID NO: 3
<211> LENGTH: 73
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 3

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Thr Leu Gln Lys Lys Ile Glu Glu Ile Ala Ala Lys Tyr Lys Ser Val
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```
51          1               5                  10                  15
52        Val Lys Lys Cys Cys Tyr Asp Gly Ala Cys Val Asn Asn Asp Glu Thr
53                      20                  25                  30
54        Cys Glu Gln Arg Ala Ala Arg Ile Ser Leu Gly Pro Lys Cys Ile Lys
55                  35                  40                  45
56        Ala Phe Thr Glu Cys Cys Val Val Ala Ser Gln Leu Arg Ala Asn Ile
57              50                  55                  60
58        Ser His Lys Asp Met Gln Leu Gly Arg
59         65                  70
61  <210> SEQ ID NO: 4
62  <211> LENGTH: 115
63  <212> TYPE: PRT
64  <213> ORGANISM: Homo sapiens
65  <400> SEQUENCE: 4
66        Met Pro Met Phe Ile Val Asn Thr Asn Val Pro Arg Ala Ser Val Pro
67          1               5                  10                  15
68        Asp Gly Phe Leu Ser Glu Leu Thr Gln Gln Leu Ala Gln Ala Thr Gly
69                      20                  25                  30
70        Lys Pro Pro Gln Tyr Ile Ala Val His Val Val Pro Asp Gln Leu Met
71                  35                  40                  45
72        Ala Phe Gly Gly Ser Ser Glu Pro Cys Ala Leu Cys Ser Leu His Ser
73              50                  55                  60
74        Ile Gly Lys Ile Gly Gly Ala Gln Asn Arg Ser Tyr Ser Lys Leu Leu
75         65                  70                  75                  80
76        Cys Gly Leu Leu Ala Glu Arg Leu Arg Ile Ser Pro Asp Arg Val Tyr
77                          85                  90                  95
78        Ile Asn Tyr Tyr Asp Met Asn Ala Ala Ser Val Gly Trp Asn Asn Ser
79                      100                 105                 110
80        Thr Phe Ala
81                  115
83  <210> SEQ ID NO: 5
84  <211> LENGTH: 118
85  <212> TYPE: PRT
86  <213> ORGANISM: Homo sapiens
87  <400> SEQUENCE: 5
88        Gly Leu Leu Asp Leu Lys Ser Met Ile Glu Lys Val Thr Gly Lys Asn
89          1               5                  10                  15
90        Ala Leu Thr Asn Tyr Gly Phe Tyr Gly Cys Tyr Cys Gly Trp Gly Gly
91                      20                  25                  30
92        Arg Gly Thr Pro Lys Asp Gly Thr Asp Trp Cys Cys Trp Ala His Asp
93                  35                  40                  45
94        His Cys Tyr Gly Arg Leu Glu Glu Lys Gly Cys Asn Ile Arg Thr Gln
95              50                  55                  60
96        Ser Tyr Lys Tyr Arg Phe Ala Trp Gly Val Val Thr Cys Glu Pro Gly
97         65                  70                  75                  80
98        Pro Phe Cys His Val Asn Leu Cys Ala Cys Asp Arg Lys Leu Val Tyr
99                          85                  90                  95
100        Cys Leu Lys Arg Asn Leu Arg Ser Tyr Asn Pro Gln Tyr Gln Tyr Phe
101                     100                 105                 110
```

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Input Set : N:\Crf3\RULE60\09987655.raw
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102       Pro Asn Ile Leu Cys Ser
103                115
105 <210> SEQ ID NO: 6
106 <211> LENGTH: 10
107 <212> TYPE: PRT
108 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic
111 <400> SEQUENCE: 6
112       Asp Ser Val Ile Ser Leu Ser Gly Asp His
113         1               5                  10
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VERIFICATION SUMMARY
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